

NITRATES IN AMARGOSA VALLEY NOT IN COMMERCIAL QUANTITIES

WASHINGTON, D. C., July 19.—In December, 1917, the secretary of the interior was informed that large deposits of nitrate of soda had been discovered in Amargosa valley, Inyo county, southeastern California. As these deposits were said to be large and rich enough to relieve the United States of the necessity of importing from Chile the sodium nitrate required for making munitions and fertilizers, and as the need of such work was urgent, the secretary at once called upon the geological survey to examine the deposits. Four geologists were accordingly sent from Washington to make the examination, and on reaching California the party was increased by the addition of another geologist and ten other men, most of them experienced miners.

The deposit was said to be in the valley of Amargosa river, about two and a half miles west of Tecopa and three and a half miles southwest of Zabriskie, near the Tonopah and Tidewater railroad. The geological survey had already been exploring other well known nitrate deposits along Amargosa river above Death valley, among them those called the Upper Canyon, Lower Canyon, and Saratoga deposits. The results of these explorations indicated that the sodium nitrate in these deposits was small, but the reports as to their



BEN D. LUCE
of Nye County

Candidate for nomination on the Democratic ticket for

GOVERNOR

Subject to the decision of voters at the Primary Election Tuesday, September 3, 1918

Chas. F. Wittenberg

Announces his candidacy on the DEMOCRATIC TICKET

For

County Commissioner

For the Long Term

Subject to ratification at the primary election.

character and extent were conflicting, and it was therefore decided to determine conclusively their value.

The results of the work may be briefly summarized as follows: In all, 78 trenches were dug, which had a total length of 3700 feet and an average depth of 2 feet 11 inches; 959 pits were dug to an average depth of 1 foot 7 inches; 1085 samples were taken, from which 938 analysis were made. In the so-called Upper Canyon field, at Acme Siding, 38 acres is estimated to contain 1480 short tons of sodium nitrate, but an overburden of about 100,000 tons would have to be removed in order to extract the caliche containing this nitrate. In the so-called Lower Canyon field 70 acres is estimated to contain 510 tons of sodium nitrate, the recovery of which would involve the removal of an overbur-

den of about 50,000 tons. These two tracts are the largest and best of the ground examined, and, taken together, include 168 acres, which, if workable, might yield 1990 short tons of sodium nitrate, the recovery of which would involve the removal of 150,000 tons of overburden. The results of examinations at other places do not justify estimates of tonnage of nitrate.

The occurrence of caliche nitrate deposits in the Amargosa district, rather than the usual cave or disseminated deposits, makes it seem possible, though improbable, that really valuable deposits of nitrate may occur elsewhere in the same general region.

Prospecting should be continued until all similar deposits in other districts have been tested sufficiently to determine their value.

(Correspondence Associated Press)

LONDON, June 20.—One instance in which an enemy submarine commander, after sinking a British vessel, amazed the survivors by giving them bandages and liniment for their wounds, stands out in sharp contrast with the brutality or indifference to suffering practised by the German sea pirates. Nevertheless the survivors tell a story of extreme hardship endured in small boats for six days and nights. Seventeen are missing of the ship's company of ninety-five.

Five hundred miles from the Irish coast a large British steamer, outwound bound in ballast, received a torpedo deathblow. No time was lost by the ship's company in getting away from the sinking ship.

Many of the crew had been wounded, especially among the engine-room force. With difficulty the injured were placed in the boats.

The submarine suddenly appeared nearby and the commander came on deck. He noticed the wounded, and calling the boats alongside his craft, he went inside, returning with bandages and liniment which he handed to the surprised officers in charge of the boats. This act of kindness saved several lives.

A steamer's smoke was seen on

NOTICE OF CLOSE OF REGISTRATION FOR PRIMARY ELECTION.

Notice is hereby given that registration for the Primary Election to be held on September 3, 1918, will close on Tuesday, the 13th day of August, 1918.

Electors may register for the ensuing election by appearing before the county clerk at his office or by appearing before a deputy registrar in the manner provided by law.

All electors in order to vote at this election must have been registered on or after June 1st of this year.

L. E. GLASS, County Clerk.

Section 17, Primary Election Law, July 13, 1918.

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13

advJy13A13